

INTERNATIONAL SPACE STATION

The International Space Station will provide an orbital laboratory for long-term research, where one of the fundamental forces of nature—gravity—is a variable. In addition, worldwide research in biology, chemistry, physics, ecology, and medicine can be conducted using the most modern tools available.

Sixteen nations are drawing upon their collective scientific expertise and resources to create and operate the International Space Station. Each is providing unique contributions to the station structure, such as laboratory modules, solar arrays, robotics, and experimental apparatus.

The International Space Station will be operated on a continuous basis with rotating international crews. In addition to the technological benefits of the station, scientists will learn valuable lessons that will prepare humans for long-term exploration of the solar system.

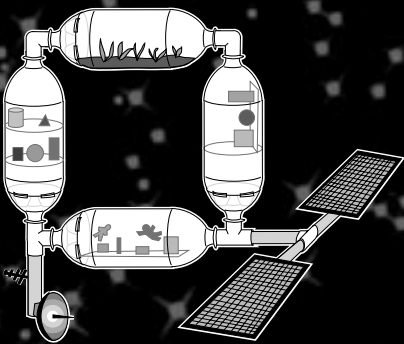
Additional information is available on the Station web site at:

<http://spaceflight.nasa.gov>



National Aeronautics and
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ENGINEER YOUR OWN SPACE STATION

Be an engineer and build your own space station.

Materials: PVC pipe connectors, 2-liter soft drink bottles, cardboard, foil, sharp scissors, glue, and other materials.



Common PVC pipe connectors

Connect bottles with PVC joints, then cut the bottles and design the compartments.



Equip your space station with a laboratory, an equipment and supply storage unit, living quarters, and a solar array to power the station. Try adding a robot arm to service all parts of the station.